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M.B.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Rillie)	Art Unit: 3634
)	
Serial No.: 09/376,461)	Examiner: Stodola
)	
Filed: August 18, 1999)	1128.006A
)	
For: SKYLIGHT FLASHING)	April 10, 2003
)	750 B STREET, Suite 3120
)	San Diego, CA 92101
)	

DECLARATION UNDER 37 C.F.R. §132

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

I, David Rillie, declare as follows:

1. I am the inventor of the above-captioned patent application.
2. I reduced the invention to practice at least as early as April 27, 1999 as evidenced by the enclosed Technical Bulletin TB-108 dated February 2, 1999 that clearly refers to the invention as having been extant as of the date of the Technical Bulletin.
3. Note that on page 1 under "features", it is noted that the flashing is made of a "single piece of Aluminized Steel". Note further that on page 2, it is specifically disclosed that the flashing is "seamless".
4. I declare based on first hand knowledge that as of the date of the technical bulletin, the invention had indeed been reduced to practice. I also declare that the date listed on the Technical Bulletin is accurate.

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Page 2

PATENT
Filed: August 18, 1999

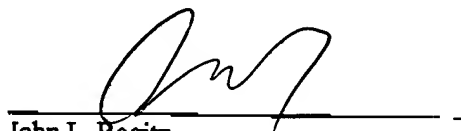
5. I further declare that to the extent the enclosed evidence is held to establish conception only, I was diligent in reducing the invention to practice for the time specified in 35 U.S.C. § 102(g).

6. I declare that I have been warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application or any resulting patent. I further declare under penalty of perjury that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.



David Rillic

Respectfully submitted,



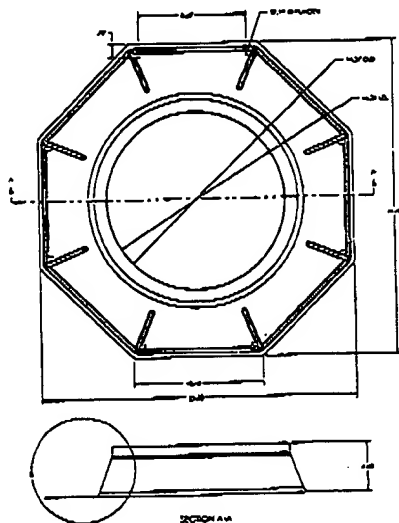
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JLR:jg

**SOLATUBE.**

Technical Bulletin TB-108

4"(102mm) High Metal Flashing for 14"(350mm) Solatube

**ID # 20057**

Description

14" Solatube Aluminized Steel
Flashing

Turret height: 4 in.

Outside dimension: 25 1/4 in.

Flange width: 4 in. min

Features

- Formed from single piece of Aluminized Steel
- 1 piece design
- Large 4" flange
- Rolled ribs
- Prepunched fastener holes
- 4" high turret

Benefits

- Twice as strong as aluminum
- Meets class A roof requirements
- Rigid design withstands extreme structural flexing. Eliminating this stress increases longevity of components
- Eliminates possibility of leaks (seamless)
- Quick and easy to install
- 33% wider flange than competition
- Octagon shaped flange blends nicely with roof lines
- Rib design strengthens flashing flange, thus reducing the number of required fasteners, (Competitor's require a substantial number)
- Edges will not lift or buckle, remains tight to roof
- No predrilling necessary, holes ensure the correct number and location of fasteners
- Time saver, requires fewer tools
- Low profile design is attractive and unobtrusive
- Meets most code requirements for roof protrusions

Material Specification

Solatube's 14" flashing is a one-piece seamless metal flashing pressed from a corrosion resistant, single sheet of aluminized steel. This durable system is weather and scuff resistant. A powder-coated paint provides an attractive cosmetic finish which blends well with roofing materials, plus aids in corrosion protection. Characteristic comparison on steel vs. aluminum.

Material	Yield Strength	Elastic Modulus
	(ksi)	(ksi)
Aluminum	20-70	11×10^3
Steel	40-140	30×10^3

Yield strength is the stress required for a material to induce deformation. Steel is twice as strong as aluminum. It is 100% more difficult to deform steel than aluminum. A steel part can be 30% smaller in dimension than a similar aluminum part, but provide the same stress carrying capability.

Elastic modulus is the "stiffness" of a material. If a material feels rigid, it is a material with a high modulus. Steel is three times as rigid (or stiff) as aluminum, and approximately twice as difficult to deform.

Special care should be taken not to mar the finish in order to maintain its integrity against corrosion. Any mars should be painted or covered with sealant.

Installation of the 14"x 4" (102mm) high flashing is explained in the Solatube 14" standard instruction booklet. For metal roofs, use Solatube Metal Roof Install Kit (Part # 70039), and follow provided instructions.

Price Schedule

ID #	Description	Box Qty	Level A	Level B	Level C	Level D	Level E	Level F
20057	14" Flashing, steel 4" (102mm) high	5	\$55	\$45	\$40	\$36	\$32	\$31